

Management Reports 2012

Barcelona Fire Service

BCN



Ajuntament de
Barcelona



Index

6 1. INTERVENTION SERVICES

6 RESCUES

8 EXTINGUISHMENT OF FIRES AND EXPLOSIONS

10 TECHNICAL ASSISTANCE

11 KNOWLEDGE OF THE ENVIRONMENT AND MONITORING SERVICES:
OPERATIONAL PREVENTION

14 2. EXCEPTIONAL SERVICES

18 FIRES AND EXPLOSIONS

21 RESCUES

23 TECHNICAL ASSISTANCE

28 3. WE WORK TO PREVENT

28 ACTIVITIES DEVELOPED

29 REGULATIONS

30 PREVENTION

31 SERVICES AND ACTIONS DEVELOPED IN 2012 IN THE AREAS OF REGULATIONS AND PREVENTION

34 4. OUR PEOPLE

34 ORGANISATIONAL CHART

38 TRAINING

39 OCCUPATIONAL HAZARD PREVENTION PLAN

42 5. BUDGET

1

Intervention Services

1. INTERVENTION SERVICES

RESCUES

In 2012, 3,904 rescue operations were carried out, accounting for 26.46% of all the interventions. Of these rescues, one was carried out outside the municipal boundaries. In 2011, 3,588 rescue operations were carried out, accounting for 24.69% of actions.

Of all these rescues, 265 were not urgent.

62.55% of the actions were carried out to aid and rescue individuals, amounting to 2,442 operations. 30.66% were rescues from lifts (1,197 operations). The rest corresponded to the recoveries of 46 corpses and 219 rescues or capture of live animals.

Of the total rescue operations, medical care was provided in 1,786 cases and our medical teams carried out 775 transfers to hospitals.





7

Management
Reports
2012

Barcelona
Fire Service



The distribution of rescues over a week showed Monday as the day with the least activity (12.60%), while Saturday was the day when more call-out services were required, amounting to 16.47% of all rescues.

Rescue services in Barcelona city, surpassed the Service Charter's commitment by more than 6 points (arriving within 10 minutes for 90% of emergencies), as this was achieved in 96.77% of cases while in 2011 the figure was 96.96%. In 78.71% of emergency rescues, within the boundaries of Barcelona, rescue services arrived in less than 5 minutes (74.28% in 2011).

EXTINGUISHMENT OF FIRES AND EXPLOSIONS

In 2012, we carried out 3,605 fire or explosion interventions, a figure that represents 24.44% of total services (2.98% more than in 2011). In absolute terms, in 2012 we carried out 486 more fire or explosion services than in the previous year.

The number of fires shows an increase over previous years. This rise is due to the increase of fires on the street, while the number of fires in buildings remains unchanged. Of all of these interventions, 5 were performed outside the municipal boundaries.

Of the 3,605 interventions, 1,874 were started on public streets, a number higher than the 1,663 recorded in 2011. Interventions to extinguish fires were carried out on 1,470 buildings, 1,083 of which originated in homes and represents 30.04% of all fire interventions (slightly above the 2011 percentage of 30.01%).

There were 79 forest fire interventions compared to 39 in 2011, an increase of 103%. This kind of intervention accounted for 2.19% of fire services and represented an increase over the previous year (1.25%).

An analysis of fire service call-outs in relation to the days of the week shows the following information: Monday (at 11.71%) was the day with the least activity, while Thursdays (at 16.37 %) and Sundays (at 15.67%) were the days requiring more fire services.



**Fire service distribution:**

43.19% of fire services were carried out during the day.

56.81% of fire services were carried out during the night, between 8 pm and 8 am.

In 97.06% of cases, fire services arrived on the scene in less than 10 minutes compared to 97.53% in 2011. The Service Charter's commitment is to arrive in less than 10 minutes for 90% of cases. For 79.67% of fires, the fire services arrived in less than 5 minutes (80.22% in 2011).

In 2012, the average arrival time, with regard to emergency services (fires/explosions and emergency rescues) was 3 minutes and 40 seconds, compared to 3 minutes and 52 seconds in 2011.



TECHNICAL ASSISTANCE

Firefighters perform a large number of very varied services for the public of a “non-urgent” nature which are classified as “technical assistance”.

In 2012, 3,204 technical assistance operations services were carried out (less than the 3,554 carried out in 2011) and which represents 21.72% of all operations.

In 62.58% of the cases, technical assistance was provided during the day and in 37.42% during the night.

KNOWLEDGE OF THE ENVIRONMENT AND MONITORING SERVICES: OPERATIONAL PREVENTION

Under the generic name of “operational prevention”, we assess every action to acquire better knowledge of our operational environment. This includes road networks and entry points, as well as buildings and special elements. We also include environment monitoring services and activities as preventive measures. Both of these activities lead to better efficiency and increased safety for us.

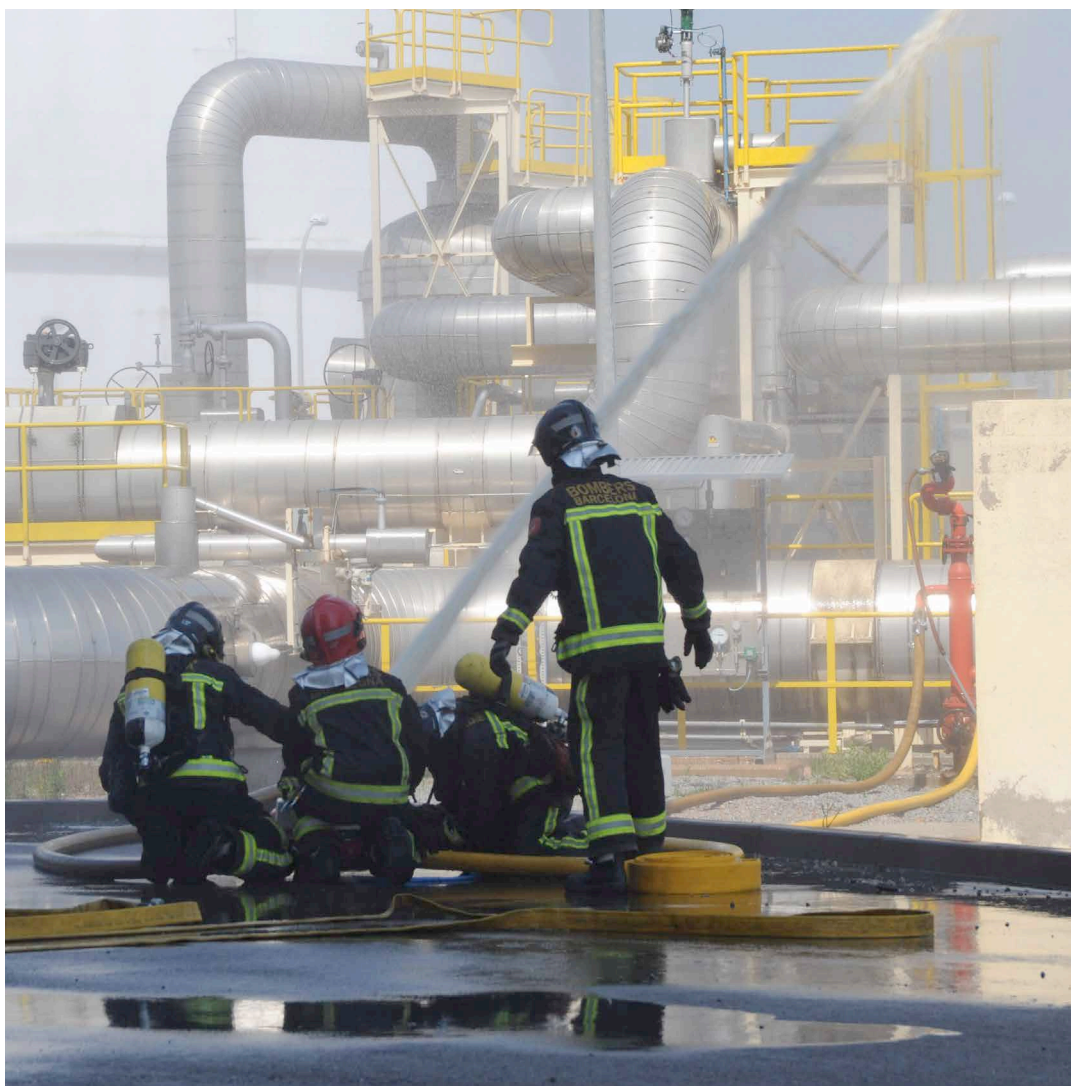
In 2012 we carried out 2,180 environmental knowledge and monitoring services, which represents 14.78% of all services (2.74% more than in 2011). In absolute terms, in 2012 we carried out 430 more environmental knowledge and monitoring services than in the previous year.

Of these services and monitoring activities, 91.51% were carried out during the day and 8.49% were carried out at night.

11

Management
Reports
2012

Barcelona
Fire Service



2

**Exceptional
services**

2. EXCEPTIONAL SERVICE CALL-OUTS

A fire at a height of 150m

This past 10th of December, 21 firefighters were called out to the Collserola tower to douse a fire on its upper floors. The fire was caused by the wiring in the upper part of the building, above the public lookout deck and also affected the outside of the tower. Upon arrival, the SPEIS fire crew observed fire on the outside of the tower and went up to the 13th floor, the last floor that was accessible by conventional means. From this point, at a height of 130 meters, the fire crew was able to see the fire inside which was affecting the cables inside the cylindrical core of the tower.

Difficulties of the operation

Two firefighters with a 25 mm hose equipped with ERA (an assisted breathing apparatus), which due to lack of space they could not carry on their backs, climbed a vertical access ladder placed inside the cylindrical core to a height of 25 meters above the 13th floor. At the same time, the tower's technicians were requested to switch off the voltage, but not the lighting. Once the fire inside was extinguished, the crew were relieved and a new crew of two firefighters, also equipped with ERA, went up again. When an access that connected the cylindrical core with the outside was located, they proceeded to extinguish the section of the fire affecting the exterior of the tower, situated about 5 metres above.

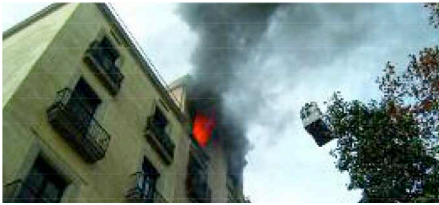
The operation was highly complicated due to the characteristics of the access to the area that was on fire. In addition, inside the tower there was no safety system in the case of a fall, so the firefighters had to make use of improvised rope-work. Regarding the tower, the main damage was to the RF signal cables.



Collaboration on an accident in the Zona Franca

Firefighters went to street number 6 in the Zona Franca of Prat del Llobregat, at the request of the municipal police, to help the Fire Brigade of the Generalitat in the rescue of a vehicle that had fallen onto the railway tracks, a four metre drop below this point. The car in question had completely overturned and a freight train had rammed into it at low speed, carrying it along for about 30 metres. The three occupants of the car escaped injury and walked away from the accident. During the incident which occurred on the 24th of October, the SPEIS gave their support to free the car from the front of the train and return it to the road.





Fire without victims on Las Ramblas

On the 21st of December the Guardia Urbana requested the intervention of the SPEIS to put out a fire on the fourth floor of a building on Las Ramblas. Upon arrival, the Fire Brigade discovered that the building had already been evacuated. The service used two 25 mm hoses to tackle the fire, both on the façade as well as its interior. Once they gained access to the burnt down home, they were able to confirm that there were no victims.



Fire Brigade creates excitement on the Ronda

A crowd of onlookers gathered to watch the SPEIS, with the help of a crane, right a lorry. The accident occurred on the Ronda Litoral in the direction of Llobregat when the lorry lost its left rear wheel. When we arrived, the SEM (Emergency Medical Service) was already attending to the driver. To set the lorry back on its wheels on the road, two slings and crane boom were used. The Guardia Urbana took charge of its removal.

10 flats and two premises affected by a fire on the calle Botella

On the 7th of February, when the Fire Brigade arrived at the building on the calle Botella where the fire had started, they detected a high plume of smoke rising from the central section of the building. Once they gained access to the inner courtyard, they discovered that there were outbreaks of fire on the balconies of virtually all the flats.

Seven residents attended to.

To extinguish the fires, three 25 mm fire hoses were used. The police detected eight neighbours who had taken refuge on the roof as a precaution, and a corporal was sent up to attend to them until it was safe for them to be evacuated. Between the Fire Brigade's Medical Service and the SEM, seven people were treated for smoke inhalation, three of whom had to be taken to hospital. After extinguishing the fire, the firefighters checked every floor. No structural damage to the building was perceived, but 10 of the 11 flats of the building had been affected. As for the premises on the ground floor, one was not affected but an internal courtyard was as embers and debris from the fire had fallen into it. With regard to the other premises, a music bar, the soundproofed concert room at the back of the premises was affected. When the firefighters arrived, they found the room full of smoke which came from behind the soundproofing panels which had to be removed to locate and extinguish the hotspot.



Operations by fire station: number of call-outs* and day/night percentage

| Station | Total | % of the total | Day | % of the station | Night | % of the station |
|------------------------|---------------|----------------|---------------|------------------|--------------|------------------|
| Vall d'Hebron | 2,035 | 11.41% | 1,210 | 59.46% | 825 | 40.54% |
| Llevant | 3,441 | 19.29% | 1,993 | 57.92% | 1,448 | 42.08% |
| Eixample | 5,064 | 28.39% | 2,975 | 58.75% | 2,089 | 41.25% |
| Zona Franca | 709 | 3.97% | 504 | 71.09% | 205 | 28.91% |
| Sant Andreu | 3,316 | 18.59% | 2,064 | 62.24% | 1,252 | 37.76% |
| Vallvidrera | 282 | 1.58% | 257 | 91.13% | 25 | 8.87% |
| Montjuïc | 2,993 | 16.78% | 1,974 | 65.95% | 1,019 | 34.05% |
| Total call-outs | 17,840 | 100% | 10,977 | 61.53% | 6,863 | 38.47% |

*A single service can require call-outs from various stations.

Intervention services

| Type | Call-outs |
|---|---------------|
| Fire and explosion | 3,605 |
| Rescue (includes 1,786 medical emergencies) | 3,904 |
| Technical assistance | 3,204 |
| Operational prevention* | 2,180 |
| No action | 1,859 |
| Total | 14,752 |

* Monitoring services, drills, etc.

Prevention services

| Type | Call-outs |
|---|--------------|
| Technical assessment | 2,737 |
| Reports on activities, project plans and events | 909 |
| Prevention inspections | 378 |
| Emergency assessment plans | 53 |
| Attendance of mock situations | 50 |
| Total | 4,127 |

FIRES AND EXPLOSIONS

Number of fires according to the time of day

| Time range | Call-outs |
|---------------------|--------------|
| from 00.00 to 04.00 | 752 |
| from 04.00 to 08.00 | 438 |
| from 08.00 to 12.00 | 357 |
| from 12.00 to 16.00 | 594 |
| from 16.00 to 20.00 | 606 |
| from 20.00 to 00.00 | 858 |
| Total | 3,605 |

Response time

| Response time | Call-outs | Accumulated | % accumulated |
|----------------------|--------------|-------------|---------------|
| from 0 to 5 minutes | 2,872 | 2,872 | 79.67% |
| from 5 to 10 minutes | 627 | 3,499 | 97.06% |
| more than 10 minutes | 106 | | |
| Total | 3,605 | | |

Duration of the extinguishment

| Response time | Call-outs | Accumulated | % accumulated |
|-----------------------|--------------|-------------|---------------|
| from 0 to 15 minutes | 597 | 597 | 16.56% |
| from 15 to 30 minutes | 1,486 | 2,083 | 57.78% |
| from 30 to 45 minutes | 790 | 2,873 | 79.69% |
| more than 45 minutes | 732 | | |
| Total | 3,605 | | |

Places where the fires occurred

| Place | Subtotal | | Total | |
|---------------------------------------|-----------|--------|--------------|---------------|
| | Call-outs | % | Call-outs | % |
| Building | | | 1,470 | 40.78% |
| Home | 1,083 | 30.04% | | |
| Public residential | 29 | 0.80% | | |
| Administrative centre | 43 | 1.19% | | |
| Health centres | 10 | 0.28% | | |
| Bar, restaurant and meeting place | 99 | 2.75% | | |
| Teaching centre | 18 | 0.50% | | |
| Shopping mall | 130 | 3.61% | | |
| Garage and car park | 58 | 1.61% | | |
| Public street | | | 1,874 | 51.98% |
| Vehicle | 159 | 4.41% | | |
| Wheelie bin | 962 | 26.69% | | |
| Others | 753 | 20.89% | | |
| Various | | | 261 | 7.24% |
| Construction site | 31 | 0.86% | | |
| Industry and warehouse | 57 | 1.58% | | |
| Railway installation | 14 | 0.39% | | |
| Empty plot | 72 | 2.00% | | |
| Forest area | 79 | 2.19% | | |
| Beach, jetty, the sea, river and lake | 8 | 0.22% | | |
| Total | | | 3,605 | 100% |

Number of call-outs by fire or explosion by neighbourhood

| Neighbourhood | Call-outs | % |
|---------------------|--------------|--------|
| Ciutat Vella | 334 | 9.28% |
| Eixample | 722 | 20.06% |
| Sants-Montjuïc | 447 | 12.42% |
| Les Corts | 131 | 3.64% |
| Sarrià-Sant Gervasi | 224 | 6.22% |
| Gràcia | 232 | 6.44% |
| Horta-Guinardó | 256 | 7.11% |
| Nou Barris | 364 | 10.11% |
| Sant Andreu | 281 | 7.81% |
| Sant Martí | 609 | 16.92% |
| Total | 3,600 | |

* 5 call-outs were carried out beyond the municipal boundaries

RESCUES

Number of rescues per time of day

| Time range | Call-outs |
|---------------------|--------------|
| from 00.00 to 04.00 | 397 |
| from 04.00 to 08.00 | 328 |
| from 08.00 to 12.00 | 723 |
| from 12.00 to 16.00 | 833 |
| from 16.00 to 20.00 | 799 |
| from 20.00 to 00.00 | 824 |
| Total | 3,904 |

60.32% of rescues took place during the day, while 39.68% took place at night, figures which, in 2011 were 61.76% and 38.24% respectively.

21

Management
Reports
2012

Barcelona
Fire Service

Response time to the place of rescue

| Response time | Call-outs | Accumulated | % Accumulated |
|----------------------|--------------|-------------|---------------|
| From 0 to 5 minutes | 3,073 | 3,073 | 78.71% |
| From 5 to 10 minutes | 705 | 3,778 | 96.77% |
| More than 10 minutes | 126 | | |
| Total | 3,904 | | |

Breakdown of rescues

| Type of rescue | Call-outs | % |
|------------------------------------|--------------|--------|
| Aid and rescue of people | 2,442 | 62.55% |
| Rescue from lifts | 1,197 | 30.66% |
| Recovery of corpses | 46 | 1.18% |
| Rescue and capture of live animals | 219 | 5.61% |
| Total | 3,904 | |

In 2012, 265 non-urgent rescues were carried out (recovery of corpses and live animals).

Number of rescue call-outs by neighbourhood

| Neighbourhood | Call-outs | % |
|---------------------|--------------|--------|
| Ciutat Vella | 388 | 9.94% |
| Eixample | 863 | 22.11% |
| Sants-Montjuïc | 465 | 11.91% |
| Les Corts | 169 | 4.33% |
| Sarrià-Sant Gervasi | 331 | 8.48% |
| Gràcia | 253 | 6.48% |
| Horta-Guinardó | 321 | 8.22% |
| Nou Barris | 371 | 9.51% |
| Sant Andreu | 274 | 7.02% |
| Sant Martí | 468 | 11.99% |
| Total | 3,903 | |

*1 call-out was carried out beyond the municipal boundaries

TECHNICAL ASSISTANCE

Number of technical assistance call-outs by time of day

| Time range | Call-outs |
|---------------------|--------------|
| from 00.00 to 04.00 | 337 |
| from 04.00 to 08.00 | 262 |
| from 08.00 to 12.00 | 583 |
| from 12.00 to 16.00 | 719 |
| from 16.00 to 20.00 | 703 |
| from 20.00 to 00.00 | 600 |
| Total | 3,204 |

23

Management
Reports
2012

Barcelona
Fire Service

Type of technical assistance

| Type | Call-outs | % |
|---|--------------|--------|
| Disconnection of alarm | 137 | 4.28% |
| Construction check | 390 | 12.17% |
| Construction clean-up | 348 | 10.86% |
| Support scaffolding | 14 | 0.44% |
| Vehicle removal | 71 | 2.22% |
| Collaboration with institutions | 154 | 4.81% |
| Electricity or light supply | 119 | 3.71% |
| Floods or water leak | 931 | 29.06% |
| Consolidation, removal of objects and trees | 523 | 16.32% |
| Stairway call-outs | 12 | 0.37% |
| Product recognition | 262 | 8.18% |
| Gas leak | 209 | 6.52% |
| Liquid spills | 23 | 0.72% |
| Road cleaning | 11 | 0.34% |
| Total | 3,204 | |

Number of technical assistance call-outs by neighbourhood

| Neighbourhood | Call-outs | % |
|---------------------|--------------|--------|
| Ciutat Vella | 423 | 13.22% |
| Eixample | 607 | 18.97% |
| Sants-Montjuïc | 461 | 14.41% |
| Les Corts | 155 | 4.84% |
| Sarrià-Sant Gervasi | 325 | 10.16% |
| Gràcia | 233 | 7.28% |
| Horta-Guinardó | 261 | 8.16% |
| Nou Barris | 199 | 6.22% |
| Sant Andreu | 184 | 5.75% |
| Sant Martí | 352 | 11.00% |
| Total | 3,200 | |

*4 call-outs were carried out beyond the municipal boundaries

Places where technical assistance was carried out

| Place | Subtotal | | Total | |
|---------------------------------------|----------|--------|--------------|---------------|
| | Number | % | Number | % |
| Building | | | 2,268 | 70.79% |
| Home | 1,850 | 57.74% | | |
| Public residential | 42 | 1.31% | | |
| Administrative centre | 59 | 1.84% | | |
| Health centres | 7 | 0.22% | | |
| Bar, restaurant and meeting place | 72 | 2.25% | | |
| Teaching centre | 57 | 1.78% | | |
| Shopping mall | 121 | 3.78% | | |
| Garage and car park | 60 | 1.87% | | |
| Public street | | | 805 | 25.12% |
| Various | | | 131 | 4.09% |
| Building site | 29 | 0.91% | | |
| Industry and warehouse | 37 | 1.15% | | |
| Railway installation | 5 | 0.16% | | |
| Empty plot | 25 | 0.78% | | |
| Forest area | 11 | 0.34% | | |
| Beach, jetty, the sea, river and lake | 24 | 0.75% | | |
| Total | | | 3,204 | 100% |

25

Management
Reports
2012

Barcelona
Fire Service

3

**We work
to prevent**

3. WE WORK TO PREVENT

ACTIONS DEVELOPED

The Civil Protection and Prevention Division, has developed three lines of work within the organisation of the Prevention, Firefighting and Rescue Service (SPEIS) of Barcelona's City Council.

On the one hand, it has implemented a regulatory framework for fire safety in buildings, installations, infrastructure and urban planning (**regulations**). On the other hand, it has implemented real preventive action, aimed at the public as users of these buildings, installations and infrastructure (**prevention**) and finally, has implemented the development of municipal competences for civil security (**civil protection**).

Thus, the annual activity report with a brief description of each of these areas is presented, and is accompanied by its main indicators.





29

Management
Reports
2012

Barcelona
Fire Service

REGULATIONS

This refers to the application of guidelines which establish fire-safety conditions regarding buildings, installations, infrastructure and town planning.

This action is comprised of personalised technical assessments and the evaluation of architecture and engineering projects, with the aim of adopting comprehensive fire safety from both projected and end-user standpoints. This action is complemented by appropriate inspections.

Moreover, since July 2012, technicians in this area of regulations have been actively involved in the well-known Irregular Settlement Plan, a project of Barcelona's City Council. It consists in conducting fire safety and structural inspections, as well as checking the living conditions in certain buildings and sites of the city. In total, 25 operations were carried out in 2012 on all irregular settlements in the neighbourhood of Sant Martí.

PREVENTION

This area should be part of the action of people as users of buildings, installations and infrastructure with fire risks, both as regards their situation at their origin or as the cause of accidents and emergencies, as well as being potential victims who may suffer their effects.

This preventive action, actually involves the development and dissemination of advice regarding practices of safety in environments of risk, such as the home, the workplace, leisure places, etc., self-protection slogans as well as the teaching of safety practices for specific collectives such as schools, the elderly, communities, neighbourhood associations, etc.. All this encompasses the creation of what could generically be called prevention education and the culture of self-protection.

30

Management
Reports
2012

Barcelona
Fire Service



Services and actions in the areas of regulation and prevention developed in 2012:

| | |
|---------------------|--------------|
| Assessments | 2,737 |
| Appointments | 817 |
| Phone consultations | 1,920 |

| | |
|--|------------|
| Reports on projects, activities and events | 909 |
| Reports on Project Plans | 484 |
| Projects reported during the Talk on the Environment | 304 |
| Reports on events: Concerts, <i>correfocs</i> (fire-runs), firework displays, pyrotechnics, etc. | 121 |

31

Management
Reports
2012

Barcelona
Fire Service

| | |
|---|------------|
| Prevention inspections | 378 |
| Pyrotechnical projects and bonfire inspections | 106 |
| Initial supervised checks during the Talk on the Environment | 224 |
| Inspections ordered by the Operations Division of the Municipal Administration (neighbourhoods, operations departments, Irregular Settlement Plan, etc.) and by the Administration of the Generalitat | 48 |

| | |
|-----------------------------------|-----------|
| Emergency assessment plans | 53 |
|-----------------------------------|-----------|

| | |
|--------------------------------------|-----------|
| Attendance of mock situations | 50 |
|--------------------------------------|-----------|

| | |
|----------------------------|--------------|
| Teaching prevention | 2,034 |
|----------------------------|--------------|

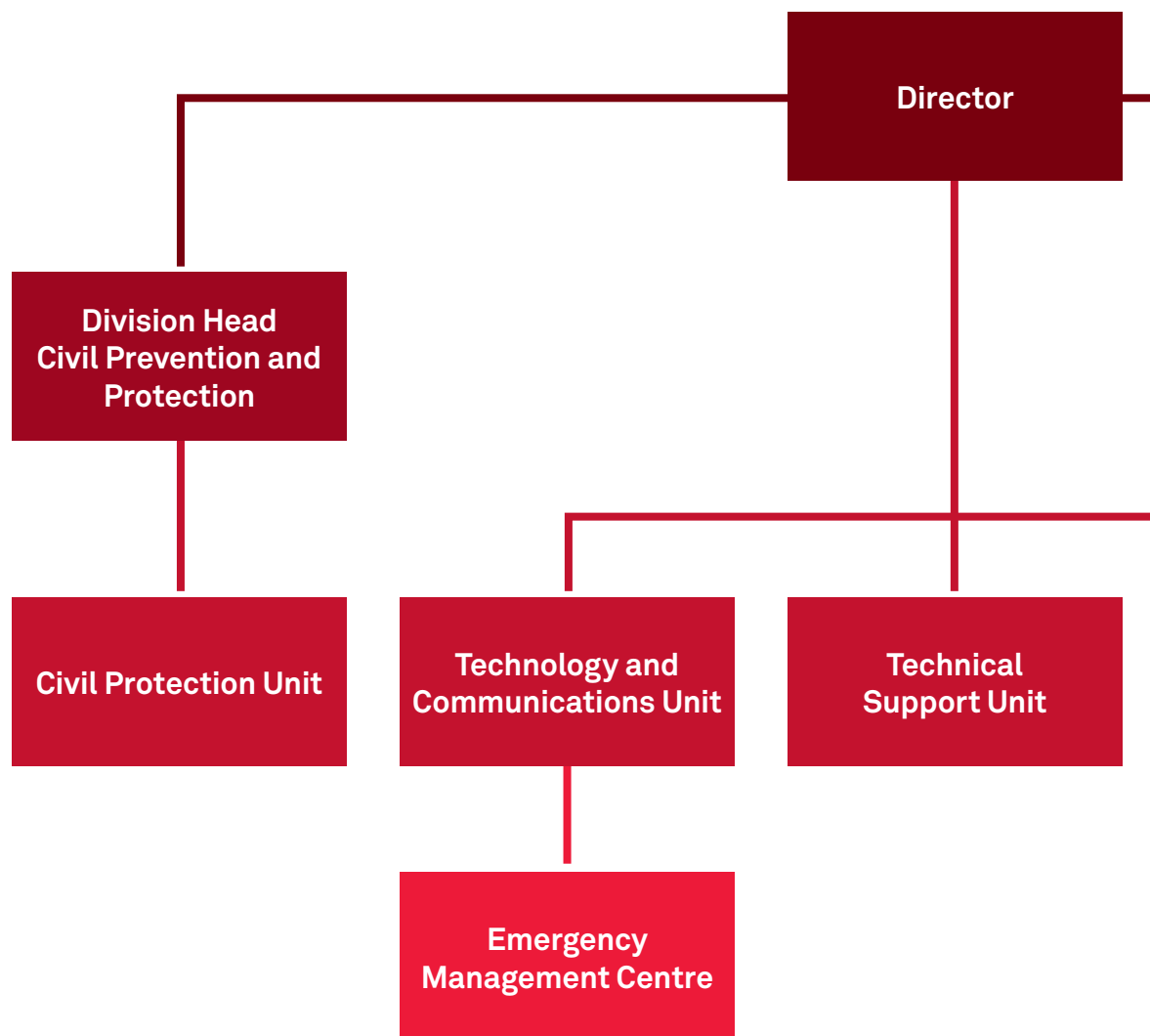
Number of people from different collectives:
Schools, retirement homes, community and neighbourhood associations, etc., which have taken part in programmes on teaching prevention.

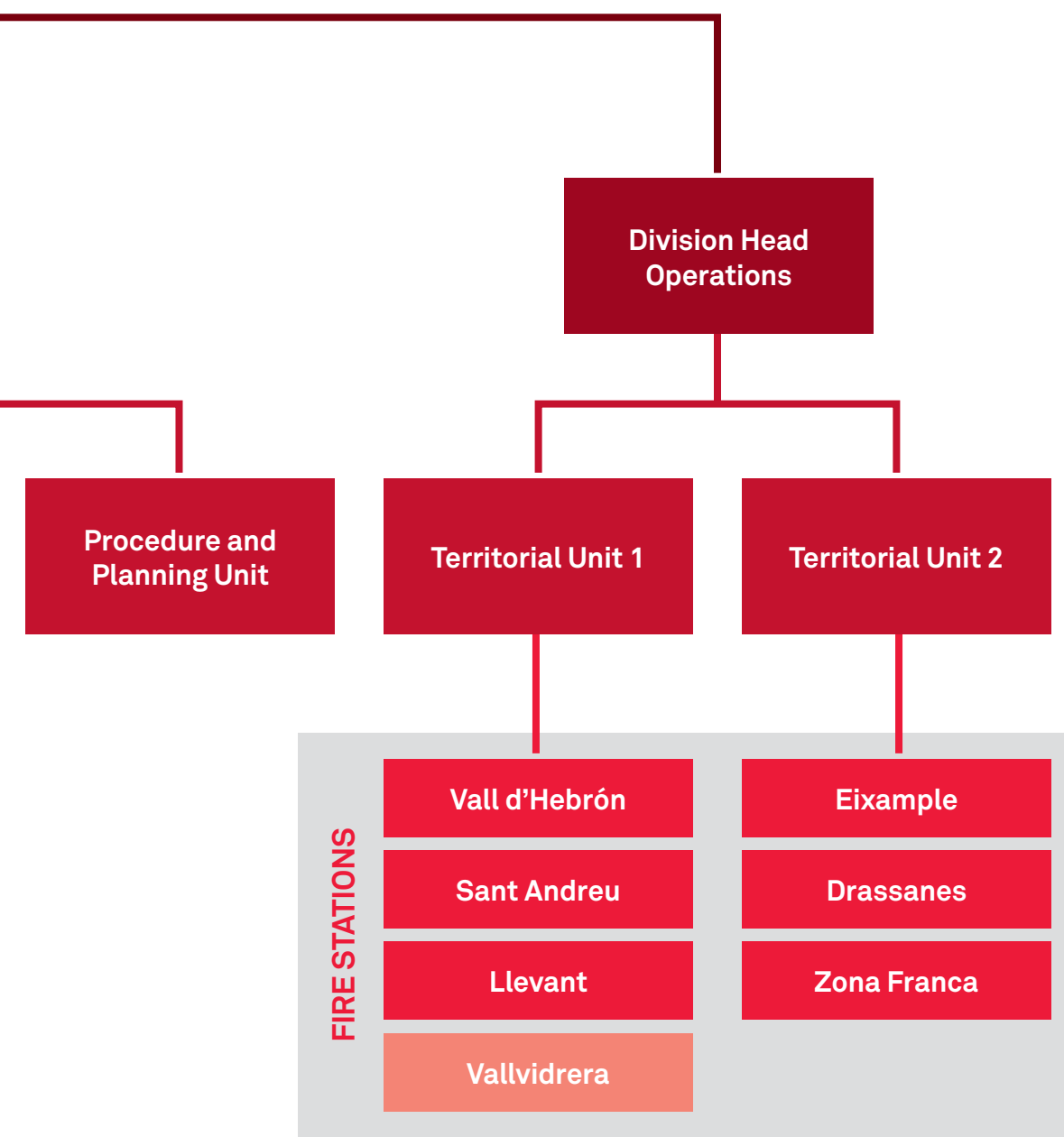
4

**Our
people**

4. THE PEOPLE

Organisational chart





SPEIS personnel

| Personnel | |
|------------------------------|------------|
| Operative personnel | 661 |
| Non-operative personnel | 15 |
| Total SPEIS personnel | 676 |

Distribution according to professional classification

| Operative personnel | |
|-------------------------------|------------|
| High-level technicians | 6 |
| Mid-level technicians | 18 |
| Mid-level medical technicians | 16 |
| NCOs | 17 |
| Sergeants | 29 |
| Corporals | 72 |
| Firefighters | 503 |
| Total | 661 |

Distribution according to professional classification

| Non-operative personnel | |
|--------------------------|-----------|
| High-level technicians | 3 |
| Mid-level technicians | 1 |
| Managers | 1 |
| Auxiliary technicians | 1 |
| Administrators | 5 |
| Auxiliary administrators | 3 |
| Guard | 1 |
| Total | 15 |

Distribution according to organisational structure

| | Total | Operative personnel | Non-operative personnel |
|--|------------|---------------------|-------------------------|
| Upper Management | 18 | 17 | 1 |
| Operations Division | 636 | 631 | 5 |
| Civil Prevention and Protection Division | 18 | 9 | 9 |
| Others* | 4 | 4 | |
| Total Personnel | 676 | 661 | 15 |

* There are 4 operative professionals who work for the Department of Logistics and Infrastructure and for the Department of Human Resources Services of the Financial Management and Control of Resources Division.

37

Management
Reports
2012

Barcelona
Fire Service

Distribution by gender

| | Men | % | Women | % |
|-------------------------|------------|--------------|-----------|-------------|
| Operative personnel | 647 | 97.88 | 14 | 2.12 |
| Non-operative personnel | 8 | 53.33 | 7 | 46.67 |
| Total (676) | 655 | 96.89 | 21 | 3.11 |

Distribution by age

| Age | Operative | % | Non-operative | % |
|--------------------|--------------|---------------|---------------|---------------|
| Between 25-29 | 31 | 4.69 | | 0.00 |
| Between 30-34 | 132 | 19.97 | | 0.00 |
| Between 35-39 | 141 | 21.33 | | 0.00 |
| Between 40-44 | 19 | 2.87 | 2 | 13.34 |
| Between 45-49 | 52 | 7.87 | 1 | 6.66 |
| Between 50-54 | 80 | 12.11 | 5 | 33.33 |
| Between 55-59 | 196 | 29.65 | 5 | 33.33 |
| 60 and over | 10 | 1.51 | 2 | 13.34 |
| Total | 661 | 100.00 | 15 | 100.00 |
| Average age | 44.76 | | 54.29 | |

During the last quarter of the year the selection process of 27 firefighters began via an official public examination and will end during the first quarter of next year.

Training

SPEIS training is based on three core concepts:

1- TRAINING FOR NEW FIREFIGHTERS

The 30 trainee firefighters (29 male firefighters and one female firefighter) took part in the 2010 public examination, and underwent work experience in the Firefighting Service last July. Once they passed the selection process, they spent 9 month receiving training in different areas: 4 months at Firefighting School, Civil Prevention and Protection at the Institute for Public Safety, and 5 months at the Barcelona Fire Brigade; a total of 715 hours.

2- OPERATIVE TRAINING FOR FIREFIGHTERS AND CORPORALS

776 people attended a total of 14 courses, which means an average of 2 activities per worker.

3- OPERATIVE TRAINING FOR OFFICIALS

This training is aimed at every category: firefighters, corporals, sergeants, NCOs, SPEIS technicians, head on-call firefighters, unit and division heads. The total number of those attending, including the new firefighters, was 792. This figure means that the SPEIS officials carried out more than two training activities.

Occupational Hazard Prevention Plan

Health and Safety Committee Meetings (CSS)

In 2012, 13 CSS meetings were convened of which 6 were ordinary and 7 were regarding various Committees such as clothing, vehicles and procedures. The main topics were related to monitoring the planning of preventive actions at stations, provision of PPE and personal equipment (gloves for protection from mechanical hazards, dielectric gloves, rain suits, new trousers ...), the purchase of new vehicles (Compact fire engines, ambulances ...), and new materials (tools for changing hydraulics to a coaxial system, thermal camera, air bags ...), etc..

Assessment of occupational hazards/Preventive activity plan (PAP)

In January 2012, the second review phase regarding the planning of the preventive activity plan was carried out in order to have updated plans which were agreed to for all the stations and which were updated throughout the year. To this end, meetings were held with station heads, the CSS, as well as follow-up visits regarding said planning for all Fire Stations, including Vallvidrera and Llacuna.

39

Management
Reports
2012

Barcelona
Fire Service

5

Budget

5. BUDGET

The SPEIS 2012 budget is integrated in the SPEIS 13501 General Services budget programme. This programme was given credit amounting to € 41,160,573.89 and is structured as follows:

| | |
|-------------|----------------|
| Chapter I: | €36,542,377.14 |
| Chapter II: | €3,716,095.75 |
| Chapter IV: | €902,101 |

42

Management
Reports
2012

Barcelona
Fire Service

Regarding the total PSM management budget (some €236.178 million in 2012) the 2012 SPEIS budget represents 17.43% (1.07% less than the amount managed in 2011).

Investment for 2012

| | |
|--|--------------------|
| Equipment | €738,601.00 |
| Self-contained breathing equipment | |
| Tanks for self-contained breathing equipment | |
| Materials for operations, manual tools and TNT tools | |
| Helmets for forest firefighting and rescue | |
| Gloves for protection from mechanical hazards | |
| Rain suits and belts | |
| IT applications | €115,000.00 |
| Embedded PCs– BT power | |
| Thermal cameras | |
| COOPER | |
| HACER | |
| DATA WAREHOUSE | |
| MYCELIUM | |
| GPS repeaters x SPEIS stations | |
| Building and other work | €501,000.00 |
| Repairs to the Vall d'Hebron façade | |
| Infrastructure connection project for the low voltage grid (Sant Andreu station) | |
| Modification and transfer of the new Montjuïc warehouse | |
| Repair work at the Zona Franca Fire station | |

